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designated by the path list signal LT are, of course, staggered over time relative to the time of the first elemental correlation pattern associated with each direct pulse by the difference in propagation time between the propagation time of the direct pulse over the direct propagation path and the propagation time of the associated secondary pulse which is propagated over the corresponding secondary propagation path.--

Please replace the paragraph beginning at page 18, line 8, with the following rewritten paragraph:

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--Furthermore, the system to which the present invention relates comprises a single correlation means 2 which receives the path list signal for direct and secondary propagation paths LT, the single correlation means 2 allowing the value to be calculated for the global intercorrelation coefficient GCC between each direct pulse associated with the plurality of secondary pulses and the composite correlation pattern $MCC_{i,j,k} \{MCC_{ijk}\}_{k=0}^{k=N}$.--